

What is claimed is:

1. A substrate comprising:
a pair of metal bases;
a first heat insulation layer disposed between the
5 metal bases;
a second heat insulation layer securely mounted on the
metal bases; and
mounting means for mounting an LED on the substrate.
- 10 2. The substrate according to claim 1 wherein the
mounting means comprises a pair of circuit patterns securely
mounted on the second heat insulation layer, the LED is
securely mounted on both the circuit patterns.
- 15 3. The substrate according to claim 1 wherein the
mounting means comprises a hole formed in the second heat
insulation layer to expose surfaces of metal bases, the LED
is securely mounted on the metal bases.
- 20 4. The substrate according to claim 2 further
comprising upper and lower electrodes provided on an upper
surface of the circuit patterns and on undersides of the metal
bases.
- 25 5. The substrate according to claim 2 wherein one
of the metal bases is different from the other metal base
in size of sectional shape.